

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/021,323

DATE: 01/14/2002

TIME: 19:06:43

Input Set : D:\Pa_00393.rpt

Output Set: N:\CRF3\01142002\J021323.raw

1 <110> APPLICANT: Deikman, Jill
 2 Feng, Paul C.C.
 3 Fincher, Karen L.
 4 Ziegler, Todd E.
 6 <120> TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 7 Plants
 9 <130> FILE REFERENCE: 38-21(52274)B
 11 <140> CURRENT APPLICATION NUMBER: US/10/021,323
 11 <141> CURRENT FILING DATE: 2001-12-12
 11 <150> PRIOR APPLICATION NUMBER: US 60/255, 619
 13 <151> PRIOR FILING DATE: 2000-12-14
 15 <160> NUMBER OF SEQ ID NOS: 17880
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 574
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Gossypium hirsutum
 22 <220> FEATURE:
 24 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-A11
 26 <400> SEQUENCE: 1
 28 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
 30 tttttttttt ttttaatttt tatatttttt tatatttttt aataaaaaaaaa aaaaaaaaaa 120
 32 gaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa attccgtcgt 180
 34 taaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa ccccccaaaa aaaaaaaagaa 240
 36 aaaaaaaaaa aaaaaaaaaa aacacaaaaa aaaaaaaaaa aaccgtaaaa gcgcctcaca 300
 38 aaaccaaagg aataaaaaaa agaccagaac ttaaaaaaaa gacatggaca agaaaaacag 360
 40 gaacacctaa aaaaaaaaga gcccaaaaaa gacgaaaaaa atggggaaag aaatggatta 420
 42 caaacggggc ggaacacaaa attgtccgga cgcttggaag gacccgagaa tcgcggccgg 480
 44 aacccggaag cgtaaccagt tgccaagaag ggagtccaaa aagaaattgg ccctaggcgt 540
 46 ggcaaaaggg gggaaaaggg gaaaaacgtt gtcc 574
 49 <210> SEQ ID NO: 2
 50 <211> LENGTH: 357
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Gossypium hirsutum
 54 <220> FEATURE:
 56 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-A3
 58 <400> SEQUENCE: 2
 60 cctacaagag ataaattttt taagtccaag tttttgggag ggttttaggtt acaaccccaa 60
 62 tttgtttcca tgggtcatat ttaaagggtt acaacgggaa tttttactca tttcacaaca 120
 64 ccacaattaa ttttttcctt tttttttccg gccccctgga actcaataag taatcaaaaa 180
 66 actccatggg ggtttttaac actaaatttg tcacatgagc ttcaacctca aatagctttt 240
 68 tttttttggc cctttttttt ttacttttaa tcagcttcac ttttttttag gcagccccc 300
 70 ttttgatgt tacagagttg acaattgtag caaattccgg ccccttcaag gaagccc 357
 73 <210> SEQ ID NO: 3
 74 <211> LENGTH: 524
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Gossypium hirsutum
 78 <220> FEATURE:

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/021,323

DATE: 01/14/2002

TIME: 19:06:43

Input Set : D:\Pa_00393.rpt

Output Set: N:\CRF3\01142002\J021323.raw

80 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-A4

82 <400> SEQUENCE: 3

```

84 aatgattatt gatataattta tagtagaaga tgaagagcta tagattcgaa atggaactgc 60
86 taggctgttt tgagctggct tcgacaccgt cagtcggtac accttgatta gcccaagtag 120
88 agatgttggt agtggcaatc gcgaatggac cggggaaaaa catgggagtg agccccccac 180
90 ttctgacgtt aaaatctgcc gacaaaaaaa atcccttttc gactcctttg cacatttgat 240
92 ctactttggc tgcggctcgtt ttttgcgctt tcttgatttc tgcaaccgcc aatgctttcc 300
94 tcacgacttc tttactgtgc cactggcgct cttctagttc ttccttatcc acgtttatct 360
96 caagagattt agcgtatgca aagaaccgga ccatcaactg gcatggtatg ctactcggac 420
98 caaccggcca tggctgagaa ctatgataaa caacttctcc gacttcaata ccggcctctt 480
100 catatgtttc tctcctcact gcttcttcta agctttcccc tggc 524

```

103 <210> SEQ ID NO: 4

104 <211> LENGTH: 588

105 <212> TYPE: DNA

106 <213> ORGANISM: Gossypium hirsutum

108 <220> FEATURE:

110 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-A5

112 <400> SEQUENCE: 4

```

114 atgcttaaac tcagcgggta atcccgctg acctggggctc gcgatgcgag caccgtcctt 60
116 gcgatgccga aagggttcaa ggggtctgat cgacggacgc gcacgactcc gaacgaggtt 120
118 gcttgacgca ttaccaccga tcgtcgcgac gatgatgtcg cctaggactc gaatttaggc 180
120 caaccgctgg ctgtgagcgc accccacccc aatttccgcc cgcggtccaa ccgaggctaa 240
122 aaaactcatg gttggatggg ggcgacgatg cgtgacaccc aggcagacgt gccctcggcc 300
124 taatggcttg gggcgcaact tgcgttcaaa gactcgatgg ttacgggat tctgcaattc 360
126 acaccaagta tcgatttcg ctacgttctt catcgatgcg agagccgaga tatccgttgc 420
128 cgagagtcgt tctgtatatt ttgcgacaag agaacaacat cactgaagca tcgacaccgc 480
130 gaacggtgcg gcgacagaag acgtgcccct tctttcgttt cgattccttg gcgcgattcg 540
132 cgccgggggt ttgttcgctt tgcctcgaag agttgatccc ggcattcta 588

```

135 <210> SEQ ID NO: 5

136 <211> LENGTH: 531

137 <212> TYPE: DNA

138 <213> ORGANISM: Gossypium hirsutum

140 <220> FEATURE:

141 <221> NAME/KEY: unsure

142 <222> LOCATION: (1)..(531)

143 <223> OTHER INFORMATION: unsure at all n locations

144 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-A6

146 <400> SEQUENCE: 5

```

148 ggaataattg aagcagggtg tcattattgc actcaaactc acatacctgt gtcttaaaca 60
150 actagtgttt catttactat atgtttacat tgaagcaaaa ttgaaaaggc cgtgaccatt 120
W--> 152 ctttcaagtt tcatccatcc catcacttac ctantagcat ctgcttcgaa ttaatttgat 180
154 gtatttcaag gatcccacga aggtcctcca tcgaacatct tcagcaaaaa aacagtctcc 240
156 ttctctgtcc agataagtga gtttaaagct cttttgccca ttctcatcag atatatcaaa 300
158 cattctcatc aggggtggtg tgagcgattc aaaggagtgg tgaagactaa tgtcaatttt 360
160 cctggcaatt gcatttcctt ccatctttac cttcacgtac gttgaacttg aagccctacc 420
W--> 162 accacagcta ttctccaccg ccgcccttac attggctacg cggngccgca ctttttccct 480
164 ccatgctttc actggtggcc accccactaa accctctcca tcattcttga a 531

```

167 <210> SEQ ID NO: 6

168 <211> LENGTH: 582

RAW SEQUENCE LISTING

DATE: 01/14/2002

PATENT APPLICATION: US/10/021,323

TIME: 19:06:43

Input Set : D:\Pa_00393.rpt

Output Set: N:\CRF3\01142002\J021323.raw

169 <212> TYPE: DNA

170 <213> ORGANISM: Gossypium hirsutum

172 <220> FEATURE:

174 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-A7

176 <400> SEQUENCE: 6

```

178 attaattagg accataagcg taaaacttat agtatatgag actttatttc agttatggca    60
180 cacagatcaa aaggatcaac aataagttta tgcttccgaa acaactagat gatggccttt    120
182 ctacatttca gtcctttact catcctccgc aactccatgt ctaatttttt tgtctcacat    180
184 tgaggcgaga tgctaacttc tgacccactg cctatcagcc tgagaccagt atgagatcca    240
186 tatgctagcg aatttcatga gtcacacgtg gatcagacaa ggcatcaacc cagcggcaga    300
188 tgaatcgttc ttgcctgtct gctgccagg accggtatct ctctccgggc tgtttgaagt    360
190 tgttctcctt ctcaatgatg cacttctctc gccttccagt gcaaacagca ggtgggtag    420
192 ggaacatctc tgcattgacga acaggatcgt accttgaagg gaagtaattt atctcctcat    480
194 ccctgtgcat gaaattcata aaaccttcgt ggtgattgtt gtgatgagca cacttgggag    540
196 cattggctgg gagttgcaga tagtttggcc caagtctgtg cc                        582

```

199 <210> SEQ ID NO: 7

200 <211> LENGTH: 528

201 <212> TYPE: DNA

202 <213> ORGANISM: Gossypium hirsutum

204 <220> FEATURE:

206 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-A9

208 <400> SEQUENCE: 7

```

210 aactgatgat cacatttctt tatttttctc taattattcc caacttttat tgatttatag    60
212 aactgccctg gctaacccta taacattaca acaggaccaa acttcttttt atatggtaga    120
214 acagtacgat cttgaaaaag aaaaaagtag aagcaacaa acaactaaca cagactcaag    180
216 gcagtagcag agcacaaaaa ctgcctcctt tcatttaata ggatcgataa taaggatcat    240
218 cctgggtacc tccgcgggtg ttccttctag tcccagcatt gttagacgcc gcatttggga    300
220 agtcttggtt ccccgttgta ccgtaagcac cctctgtatc tccgccaaac ccatactgc    360
222 tgagggtcatc ttgcctgcct gtatcatacc cactacctgc ggtggggtac ccacggttgt    420
224 catgtccacc ggtaccgcca tagccaccag tgtcgcctat gttgtaccca gctgtggtgt    480
226 agccagtgcc accaatacca ccaccaccag catggccagc tgtggcgt                528

```

229 <210> SEQ ID NO: 8

230 <211> LENGTH: 348

231 <212> TYPE: DNA

232 <213> ORGANISM: Gossypium hirsutum

234 <220> FEATURE:

236 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-B1

238 <400> SEQUENCE: 8

```

240 accaaacaat ctagtgtttt tgattttgta ataaaattta aaaaatttta aaaaagggg    60
242 ctacaaaaaa aaaaaaaaaa tttttttttt aaccaacact aacaacccca aaaaaaaagc    120
244 aacaaccccc cccccaaaa agaaacaacc aacaatctaa aaaaaaaagg ccgcccggg    180
246 gaaactaaag agacaatgga ggaaatcagt cgccataccc accaccccaa ccacactagg    240
248 ctggatttaa tgcataaaag ccgaaaaaaa atccccacta tcttcatitt cctcaagctt    300
250 cactgaaaat acaaaactta acccacgcct ccggggacgc acgggggaa                348

```

253 <210> SEQ ID NO: 9

254 <211> LENGTH: 585

255 <212> TYPE: DNA

256 <213> ORGANISM: Gossypium hirsutum

258 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 01/14/2002

PATENT APPLICATION: US/10/021,323

TIME: 19:06:43

Input Set : D:\Pa_00393.rpt

Output Set: N:\CRF3\01142002\J021323.raw

260 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-B10

262 <400> SEQUENCE: 9

```

264 ggcactaaaa tcatttcagg tataacagtg aaattggtaa aaaacgaaag agagagagag 60
266 agagacacag gtaaataaaa aaagcgtgaa ggcaatggaa ttctgttctt taaacgcagt 120
268 agacattttc ataattcttc cggattaact ttccattttt ttaggggatt cacctcattg 180
270 acataactaa tatagggtta atgccacaa aattagcaac aaggagtggg gcccgaaacca 240
272 atgattaaaa agacggatag aataaagtct aggatctcac atttcccgtt tattacaatg 300
274 tagtccggcg taactgacag gtgaatgctg aaacttatgt cctccagaaa gcctttttga 360
276 tcattcgtga accaaactaa cccagcatta ctgcaccctt gaacttcccc cctgcatatc 420
278 aggaatggcc aatacggaca tgcaaggctt ccccccattg cgataaaaca attagctttt 480
280 caattaaatt tattccatgt gcttgtgcag ggcatacaca agaaacaaat gagcttttagc 540
282 atatgttacc gtacaacaat ttgacatttc catttctatt gcata 585

```

285 <210> SEQ ID NO: 10

286 <211> LENGTH: 356

287 <212> TYPE: DNA

288 <213> ORGANISM: Gossypium hirsutum

290 <220> FEATURE:

291 <221> NAME/KEY: unsure

292 <222> LOCATION: (1)..(356)

293 <223> OTHER INFORMATION: unsure at all n locations

294 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-B11

296 <400> SEQUENCE: 10

```

298 caaggggttat caatggtgct ccttgggtcct ttaataatca tctcttgatt ttacatagga 60
300 atgggggaaaa tgaagataca atgtctgttc ctttgggtgta ttctaactgg tggattcaga 120
302 ttcatgattt gccccagggt ctcttttagag attccatggc tgnngctannt ggtaacttta 180
304 ttggaagatt tctggagtat gatacgaaac ccctggcaat tggaatatg aactatatgc 240
306 gtatacgtgt tcagcttgat gttcgaatgc cccttccttt nacctgcaga gtatttgggc 300
308 ggccaaggga ttacttctga aagggttggg ctgggggatt agtaatggca agcatg 356

```

311 <210> SEQ ID NO: 11

312 <211> LENGTH: 580

313 <212> TYPE: DNA

314 <213> ORGANISM: Gossypium hirsutum

316 <220> FEATURE:

318 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-B12

320 <400> SEQUENCE: 11

```

322 aaattaaaaac tgggtggcca atctttttat tgtcacaact atttaccctt cattaataga 60
324 aacattaaaag tcttaagcat aatcatatca aacataacat taccctaatt taaacttttt 120
326 aattttctaataaaaagagctg aggctgttgt tgatgatgtg tcaactaggtg atcaagcatc 180
328 caaaggttca ctgactcagg ctgagcgccc ccaactcaact cagttgtcat ctcatcaggc 240
330 tccaaaacca ggaaggactc cagactcgag atttgctcct tcagctccat ctgcttttcc 300
332 attgcttcac tcggcctgta aactccattc tcgtaaccaa aaccataaaa aggttgtggtg 360
334 gttggtgggc tcttggtttc agaactcggg ggagtcaact caggagccat catacacctt 420
336 ttcttagcag gaggctgagt taggctggtg gtttgaggga agttgagctt ggctttgtcc 480
338 ccgcggatgc gcttggcggc ttcatcgtag gctcgagccg cttcttcagc cgtgttgtat 540
340 gtaccgagcc agattcggac acctttgtga ggaatctotta 580

```

343 <210> SEQ ID NO: 12

344 <211> LENGTH: 512

345 <212> TYPE: DNA

346 <213> ORGANISM: Gossypium hirsutum

RAW SEQUENCE LISTING

DATE: 01/14/2002

PATENT APPLICATION: US/10/021,323

TIME: 19:06:44

Input Set : D:\Pa_00393.rpt

Output Set: N:\CRF3\01142002\J021323.raw

348 <220> FEATURE:

350 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-B2

352 <400> SEQUENCE: 12

```

354 caccctaatt tttttttata atataattgt tagttacttt cttaataata tttcttctaa 60
356 caaggcaaaag aaataaagaa aaaagattga aatacaaaaga acttaaacc ctttctatta 120
358 tactactaaa atttggtccc tctacgtaat tgtttgttga ttggattttt ttttcttag 180
360 gggtagcct ataagtctac gtcaaatacg gcccccttc gtacttttaa gaaaatactt 240
362 gggaagaaga cgccttatt ctcatagact aaaagctgtt tcccttcaat tcctctctac 300
364 gtatgtcagt caccgccgtt atcagggctt ggaaaccgag gctgcgccac cttcaaggcc 360
366 accgttacc atggtggctg actggactgt caacacggac atgctaggcg aggaaggctc 420
368 atgcgcccg cttgattgaa tcaaaagggtg gctgccgttg gccgggtttt catggttgat 480
370 catgggttc cttgaacgag acgtggcgct tg 512

```

373 <210> SEQ ID NO: 13

374 <211> LENGTH: 609

375 <212> TYPE: DNA

376 <213> ORGANISM: Gossypium hirsutum

378 <220> FEATURE:

379 <221> NAME/KEY: unsure

380 <222> LOCATION: (1)..(609)

381 <223> OTHER INFORMATION: unsure at all n locations

382 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-B5

384 <400> SEQUENCE: 13

```

386 ggtaatgaaa tcaaactttt ttattttattc agacatgggg atgtttgaga ataactcaag 60
388 aacgggaatg taacatcatg tttttgaatt cttgaaaatc aaccatgccg tctgaattgg 120
390 tgtcgtaata ccaaatacatg ctctgcagt cttttccact attttcacct cacataccca 180
392 gtcttcccag cactattca agctcctcac atccccccaa cccatcccca ttcaagtcaa 240
394 acactttaaa agccttcgca aggtcactgt cttcttcttc accgccgccg tgaatgacca 300
396 attcctcctc ctctctctcg tcaccaccat gtgccagtgg gttcgagatg gattcataaa 360
398 agaacaagaa ttcatccaag ttcaaacaatg gttttccac taagggtcc aattcttcaa 420
400 ggctgaattg gacagaccg attctctgga gcaaccaatt cagctcctcc agactaacga 480
402 agccatctcc attcttctcg agcttctcga atacgcgttg caagtcggtc ttactaaggg 540
404 gggacatttt accaccaaag aggatattgat caccattaac atcaaaccct gaagctntac 600
406 aaattaagg 609

```

409 <210> SEQ ID NO: 14

410 <211> LENGTH: 349

411 <212> TYPE: DNA

412 <213> ORGANISM: Gossypium hirsutum

414 <220> FEATURE:

415 <221> NAME/KEY: unsure

416 <222> LOCATION: (1)..(349)

417 <223> OTHER INFORMATION: unsure at all n locations

418 <223> OTHER INFORMATION: Clone ID: LIB3825-002-Q1-N6-B6

420 <400> SEQUENCE: 14

```

422 aaaagagaaa aaaagggggg gggggaaaaa acccctccaa taaattttgg ggggggttaa 60
424 aaaaagggga aaggggaggc caccctgggt ggttttttga aaatagaaaa gggagggaaa 120
426 ggggggttagt atgaaaaggg ggaaaantnn gagaaaaatt ttttaaaggg atttttgggg 180
428 aggggaaacg ggaaaggggg gggggggggg gggaattttt ttgaacaaaa aaaaaggaaa 240
430 aaattttttg gggggggggg ggggtatttt tccccccaaa atatccgggg gggggaaaaa 300
432 aaaggagggg gccccggggg gggaaaaccg gaaaaaagga aaatttttt 349

```

Use of n and/or Xaa has been detected in the Sequence Listing.
 → Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/021,323

DATE: 01/14/2002
TIME: 19:06:45

Input Set : D:\Pa_00393.rpt
Output Set: N:\CRF3\01142002\J021323.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:2080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:2146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71
L:2248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:2456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:2492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:2494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:2854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:2856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:2858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:2860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:3168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103
L:3200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128
L:3940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128
L:3978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:3980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:4148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135
L:4150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135
L:4214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137
L:4364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142
L:4402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143
L:4408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143
L:4494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:146

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/021,323

DATE: 01/14/2002

TIME: 19:06:45

Input Set : D:\Pa_00393.rpt

Output Set: N:\CRF3\01142002\J021323.raw

L:4690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153
L:4746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155
L:4778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156
L:4780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156